MCIA-LEVEL-1-MAINTENANCE^{Q&As}

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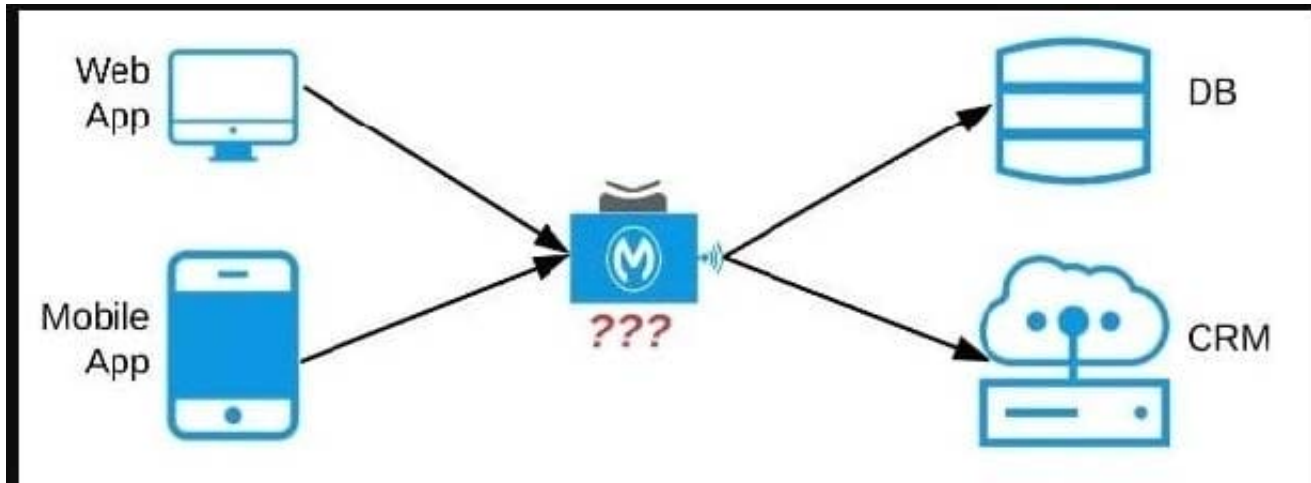🛠 **Instant Download** After Purchase

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QUESTION 1

An organization needs to enable access to their customer data from both a mobile app and a web application, which each need access to common fields as well as certain unique fields. The data is available partially in a database and partially in a 3rd-party CRM system. What APIs should be created to best fit these design requirements?
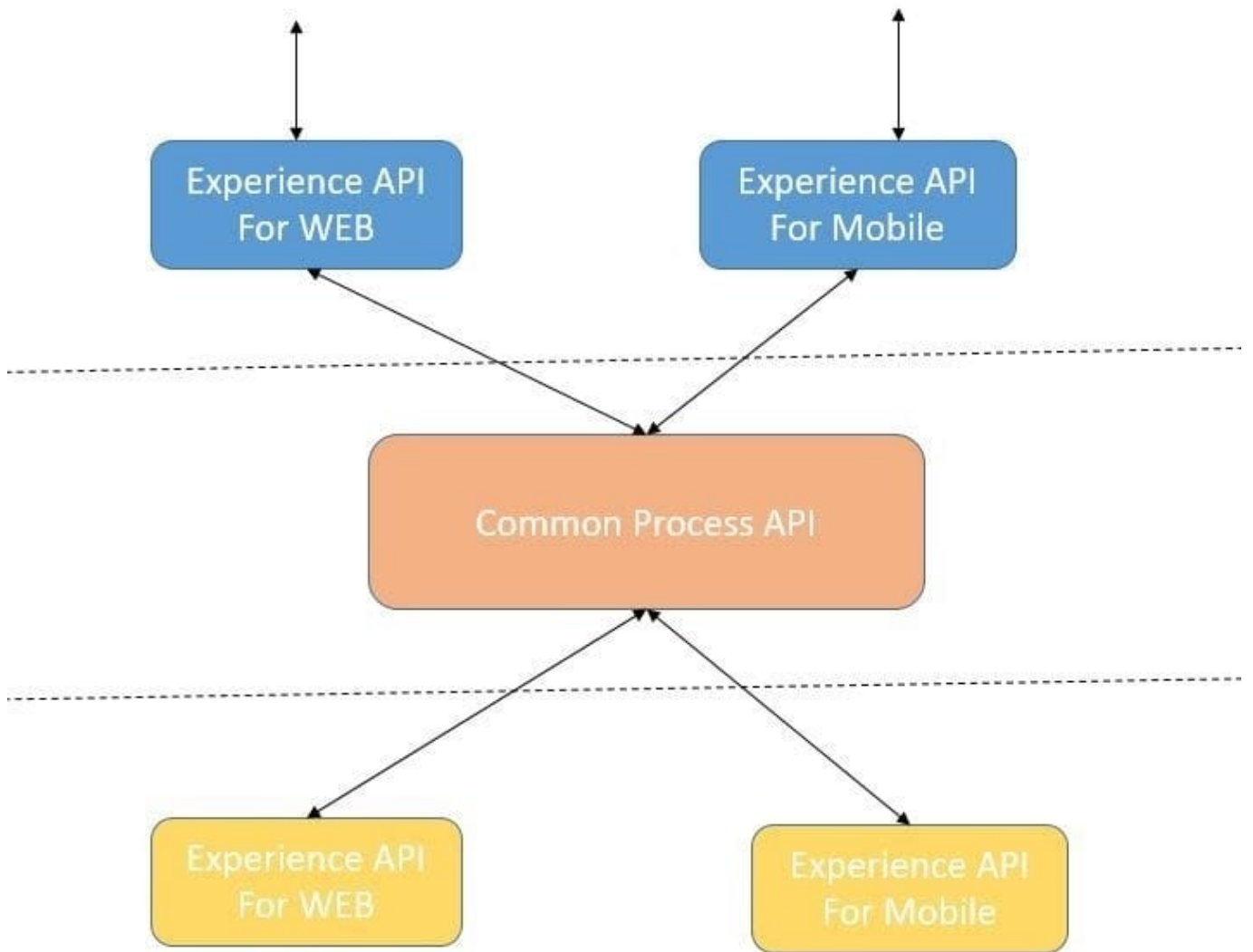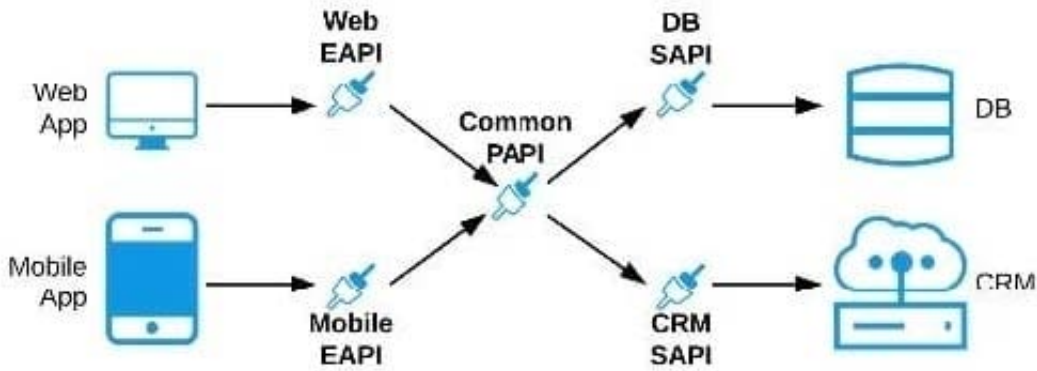

A. A Process API that contains the data required by both the web and mobile apps, allowing these applications to invoke it directly and access the data they need thereby providing the flexibility to add more fields in the future without needing API changes.

B. One set of APIs (Experience API, Process API, and System API) for the web app, and another set for the mobile app.

C. Separate Experience APIs for the mobile and web app, but a common Process API that invokes separate System APIs created for the database and CRM system

D. A common Experience API used by both the web and mobile apps, but separate Process APIs for the web and mobile apps that interact with the database and the CRM System.

Correct Answer: C

Lets analyze the situation in regards to the different options available Option : A common Experience API but separate Process APIs Analysis : This solution will not work because having common experience layer will not help the purpose as mobile and web applications will have different set of requirements which cannot be fulfilled by single experience layer API Option : Common Process API Analysis : This solution will not work because creating a common process API will impose limitations in terms of flexibility to customize API;s as per the requirements of different applications. It is not a recommended approach. Option : Separate set of API\\'s for both the applications Analysis : This goes against the principle of Anypoint API-led connectivity approach which promotes creating reusable assets. This solution may work but this is not efficient solution and creates duplicity of code. Hence the correct answer is: Separate Experience APIs for the mobile and web app, but a common Process API that invokes separate System APIs created for the database and CRM system Description automatically generated with low confidence Lets analyze the situation in regards to the different options available Option : A common Experience API but separate Process APIs Analysis : This solution will not work because having common experience layer will not help the purpose as mobile and web applications will have different set of requirements which cannot be fulfilled by single experience layer API Option : Common Process API Analysis : This solution will not work because creating a common process API will impose limitations in terms of flexibility to customize API;s as per the requirements of different applications. It is not a recommended approach. Option : Separate set of API\\'s for both the applications Analysis : This goes against the principle of Anypoint API-led connectivity approach which promotes creating reusable assets. This solution may work but this is not efficient solution and creates duplicity of code. Hence the correct answer is: Separate Experience APIs for the mobile and web app, but a

common Process API that invokes separate System APIs created for the database and CRM system

QUESTION 2

An organization designing a hybrid, load balanced, single cluster production environment. Due to performance service

level agreement goals, it is looking into running the Mule applications in an active-active multi node cluster configuration. What should be considered when running its Mule applications in this type of environment?

A. All event sources, regardless of time , can be configured as the target source by the primary node in the cluster

B. An external load balancer is required to distribute incoming requests throughout the cluster nodes

C. A Mule application deployed to multiple nodes runs in an isolation from the other nodes in the cluster

D. Although the cluster environment is fully installed configured and running, it will not process any requests until an outage condition is detected by the primary node in the cluster.

Correct Answer: B

QUESTION 3

An automation engineer needs to write scripts to automate the steps of the API lifecycle, including steps to create, publish, deploy and manage APIs and their implementations in Anypoint Platform. What Anypoint Platform feature can be used to automate the execution of all these actions in scripts in the easiest way without needing to directly invoke the Anypoint Platform REST APIs?

A. Automated Policies in API Manager

B. Runtime Manager agent

C. The Mule Maven Plugin

D. Anypoint CLI

Correct Answer: D

Anypoint Platform provides a scripting and command-line tool for both Anypoint Platform and Anypoint Platform Private Cloud Edition (Anypoint Platform PCE). The command-line interface (CLI) supports both the interactive shell and standard CLI modes and works with: Anypoint Exchange Access management Anypoint Runtime Manager

QUESTION 4

To implement predictive maintenance on its machinery equipment, ACME Tractors has installed thousands of IoT sensors that will send data for each machinery asset as sequences of JMS messages, in near real-time, to a JMS queue named SENSOR_DATA on a JMS server. The Mule application contains a JMS Listener operation configured to receive incoming messages from the JMS servers SENSOR_DATA JMS queue. The Mule application persists each received JMS message, then sends a transformed version of the corresponding Mule event to the machinery equipment back-end systems.

The Mule application will be deployed to a multi-node, customer-hosted Mule runtime cluster. Under normal conditions, each JMS message should be processed exactly once.

How should the JMS Listener be configured to maximize performance and concurrent message processing of the JMS queue?

A. Set numberOfConsumers = 1 Set primaryNodeOnly = false

B. Set numberOfConsumers = 1 Set primaryNodeOnly = true

C. Set numberOfConsumers to a value greater than one Set primaryNodeOnly = true

D. Set numberOfConsumers to a value greater than one Set primaryNodeOnly = false

Correct Answer: D

Reference: https://docs.mulesoft.com/jms-connector/1.8/jms-performance

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QUESTION 5

How are the API implementation , API client, and API consumer combined to invoke and process an API ?

A. The API consumer creates an API implementation , which receives API invocations from an API such that they are processed for an API client

B. The API consumer creates an API client which sends API invocations to an API such that they are processed by an API implementation

C. An API client creates an API consumer, which receives API invocation from an API such that they are processed for an API implementation

D. The API client creates an API consumer which sends API invocations to an API such that they are processed by API implementation

Correct Answer: C

The API consumer creates an API client which sends API invocations to an API such that they are processed by an API implementation This is based on below definitions API client ?An application component ?that accesses a service ?by invoking an API of that service - by definition of the term API over HTTP API consumer ?A business role, which is often assigned to an individual ?that develops API clients, i.e., performs the activities necessary for enabling an API client to invoke APIs API implementation ?An application component ?that implements the functionality